ANCHOR QEA

DAILY REPORT

PROJECT	San Jacinto River Waste Pits TCRA	**CONTRACT NO.**	
CONTRACTOR	USA Environment, LP	**SUPERINTENDENT**	Ron Griffith
DAY OF WEEK & DATE:	**Tuesday, May 17, 2011**	**REPORT NO.**	**105**
WEATHER	Sunny, moderate wind from east	**TEMPERATURE**	L:65° H:80°F

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:

10 – USA Environment (USA)
10 – Shirley & Sons
2 – Chris Ransome & Associates (CRA)

MAJOR EQUIPMENT ON JOB (Size/capacity):

LaBarge Property	TxDOT ROW/SJRWP
Komatsu PC300LC Excavator (2)	Cat Long Reach Excavator
Komatsu PC200LC Excavator	JCB Long Reach Excavator
Komatsu D61 Dozer	Cat 930 Loader
Deere 624J Front-end Loader	Cat D5 Dozer
Deere 644J Front-end Loader	Water Truck
Crane	Barge-Mounted Excavator (2)
Work boat with winch	'Jim Dandy' Tug Boat
	Jon Boat
	Aggregate Transport Barge

TIDE INFORMATION:

Time:	Location:	Height (inches):
09:30	SG-03	25

HEALTH AND SAFETY INFORMATION:

No incidents or near misses on this date.

CHRONOLOGICAL ACCOUNT OF ANCHOR QEA FIELD REPRESENTATIVE ACTIVITIES:

07:00 Randy Brown (Anchor QEA) on-site at the Admin area; USA crew on-site.

07:00 Participated in a tailgate Health and Safety Meeting led by Aubrey Pearson (USA Health & Safety Officer). Main topic: staying hydrated.

07:10 Today's Projected Work Objectives for USA and their subcontractors:

- Complete stabilization of low-lying areas in the Western Cell using three loads of Portland cement
- Place Armor Cap D rock in the Eastern Cell
- Begin surface grading in the Western Cell using crushed concrete road base (CCRB)

07:15 USA crew mobilized to the TxDOT ROW/SJRWP area.

09:00 R. Brown mobilized to the TxDOT ROW/SJRWP area. Current activities:

- Unloading Portland cement from a truck into the Western Cell for stabilization of low-lying areas; dust generated by the unloading process is currently minimal
- Barge-mounted excavator currently idle awaiting the next load of Armor Cap D rock (water-based operations)

09:10 R. Brown measured an area adjacent to the south berm in the Western Cell that has been graded using CCRB; approximately 90 tons of CCRB were used to grade an area 55 feet by 95 feet.

09:30 SG-03 tide gauge reading = 25 inches.

09:50 Second truck load of the day of Portland cement arrived at the TxDOT ROW/SJRWP area; truck waited at the equipment laydown area near the main access gate while the first truck continued unloading.

10:00 R. Brown mobilized to the Admin area.

12:50 R. Brown mobilized to the TxDOT ROW/SJRWP area. Current activities:

- Mixing Portland cement into a low-lying area in the northwestern portion of the Western Cell
- Delivering and unloading the third and final load of the day of Portland cement into the Western Cell
- CRA (2 crew) on-site for property boundary survey and progress survey work
- Placing Armor Cap D rock in the Eastern Cell (water-based operations)

13:15 A visual observation of turbidity around the rock placement operations in the Eastern Cell indicated that observable turbidity is localized to a semicircle approximately 50-foot radius immediately adjacent to the barge; no turbidity was observed outside the turbidity curtain.

13:40 Last cement truck completed unloading into the Western Cell and departed the TxDOT ROW/SJRWP area.

13:45 The aggregate transport was unloaded (third load of Armor Cap D rock for the day) and began transit to the LaBarge Property for an additional load of Armor Cap D rock.

14:15 R. Brown mobilized to the Admin area.

16:45 R. Brown mobilized to the TxDOT ROW/SJRWP area. Current activities:

- Aggregate transport barge has departed the Eastern Cell and was in transit to the LaBarge Property
- USA crew staging equipment for the end of the day

16:55 R. Brown departed the TxDOT ROW/SJRWP area, off-site for the day.

Summary of Progress on this Date:

- Completed stabilization of low-lying areas in the Western Cell
  - Three truckloads (77 tons) of Portland cement delivered on this date
  - 17 truckloads were delivered and mixed into the Western Cell in total
- Placed Armor Cap D rock in the Eastern Cell (water-based operations)
- Completed survey work identifying the western property boundary and limits of the proposed geomembrane

Persons On-site on this Date:

Anchor QEA – Randy Brown
USA Environment – Ron Griffith, Aubrey Pearson, and 8 crew
Shirley & Sons – 10 crew
Chris Ransome & Associates – 2 crew

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Cover Material Delivery Summary as of this Date:

Material	Stone Size (D_{50})	Units	Delivered 5/17 (units)	Delivery Verification Method	Preceding Delivered Total	Total Delivered for Project
Armor Cap A	3”	ton	0	weigh tickets	14,950	14,950 (120%)
Armor Cap B/C	6”	ton	0	weigh tickets	1,927	1,927 (16%)
Armor Cap C	6”	ton	0	weigh tickets	10,069	10,069 (94%)
Armor Cap D	8”	ton	0	weigh tickets	20,643	20,641 (78%)

Cover Material Placement Summary as of this Date:

Material	Stone Size (D_{50})	Units	Placed 5/17 (units)	Verification Method	Preceding Placed Total	Total Placed for Project
Armor Cap A	3”	ton	0	contractor measure	11,709	11,709 (94%)
Armor Cap B/C	6”	ton	0	contractor measure	1,927	1,927 (16%)
Armor Cap C	6”	ton	0	contractor measure	9,708	9,708 (91%)
Armor Cap D	8”	ton	800	contractor measure	18,986	19,786 (75%)
					All Types:	43,130 (70%)

PHONE LOG:

None.

SITE PHOTOS/VIDEOS TAKEN: (attached below)	**FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:**
6 photos (descriptions provided underneath photo)	None

FIELD REPRESENTATIVE	Randy Brown	HRS	10	DATE	5/17/11

(Signature on Hardcopy)

Photo 1 – Crushed concrete road base used to grade the surface of the Western Cell near the south berm.

Photo 2 – Receiving Portland cement for mixing into a low-lying area in the northwest portion of the Western Cell.

Photo 3 – Receiving Portland cement in the Western Cell (foreground) and mixing Portland cement into a low-lying area in the Western Cell (background).

Photo 4 – Mixing Portland cement into a low-lying area in the northwest portion of the Western Cell.

Photo 5 – Placing Armor Cap D rock in the Eastern Cell.

Photo 6 – Using excavator bucket to measure the thickness of Armor Cap D placement in the Eastern Cell.